Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094441.D
Acq On : 17 Apr 2017 11:21
Operator : SJ/MA
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
mohammad
4/18/2017 3:07:43 PM

Quant Time: Apr 17 14:54:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 13:38:44 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	136209	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	554828	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	251064	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	459572	20.00	ng		0.00
75) Chrysene-d12	14.46	240	423916	20.00	ng		0.00
86) Perylene-d12	16.08	264	377288	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.30	112	44500	5.52	ng		0.00
7) Phenol-d6	5.38	99	52596	5.27	ng		-0.01
23) Nitrobenzene-d5	6.40	82	44963	4.62	ng		-0.02
41) 2,4,6-Tribromophenol	10.36	330	9944	5.01	ng		-0.01
44) 2-Fluorobiphenyl	8.58	172	103706	6.30	ng		0.00
78) Terphenyl-d14	13.19	244	90160	4.77	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	12042	3.11	ng	#	92
3) Pyridine	2.62	79	23394	2.22	ng		99
4) n-Nitrosodimethylamine	2.54	42	9939	2.29	ng	#	73
6) Aniline	5.38	93	35134	2.53	ng		96
8) 2-Chlorophenol	5.53	128	25285	2.85	ng		94
9) Benzaldehyde	5.25	77	20250	3.01	ng		95
10) Phenol	5.40	94	32378	2.85	ng		87
11) bis(2-Chloroethyl)ether	5.46	93	22633	2.55	ng		99
12) 1,3-Dichlorobenzene	5.69	146	27596	2.78	ng		98
13) 1,4-Dichlorobenzene	5.77	146	27902	2.77	ng		95
14) 1,2-Dichlorobenzene	5.95	146	27706m	2.99	ng		
15) Benzyl Alcohol	5.93	79	19457	2.66	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.09	45	31234	2.28	ng		86
17) 2-Methylphenol	6.08	107	19183	2.53	ng		94
18) Hexachloroethane	6.35	117	9204	2.60	ng		90
19) n-Nitroso-di-n-propylamine	6.23	70	16389	2.56	ng		96
20) 3+4-Methylphenols	6.26	107	26512	2.88	ng	#	64
22) Acetophenone	6.23	105	35085	2.84	ng	#	85
24) Nitrobenzene	6.42	77	24118	2.52	ng		95
25) Isophorone	6.71	82	41269	2.42	ng		98
26) 2-Nitrophenol	6.80	139	11667	2.55	ng		92
27) 2,4-Dimethylphenol	6.89	122	21248	2.70	ng		96
28) bis(2-Chloroethoxy)methane	6.98	93	27715	2.46	ng		96
29) 2,4-Dichlorophenol	7.12	162	19075	2.59	ng		93
30) 1,2,4-Trichlorobenzene	7.20	180	21123	2.78	ng		91
31) Naphthalene	7.29	128	74466	2.79	ng		97
33) 4-Chloroaniline	7.36	127	28478	2.63	ng		97
34) Hexachlorobutadiene	7.45	225	10858	2.79	ng		96
35) Caprolactam	7.75	113	5330	2.27	ng		98
36) 4-Chloro-3-methylphenol	7.98	107	19912	2.59	ng		90
37) 2-Methylnaphthalene	8.13	142	49785	2.80	ng		93
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	19596	2.85	ng		96
42) 2,4,6-Trichlorophenol	8.49	196	12476	2.57	ng		97
43) 2,4,5-Trichlorophenol	8.54	196	12860	2.45	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	8.70	154	57894	2.86	ng		98
46) 2-Chloronaphthalene	8.72	162	45654	2.88	ng		98
47) 2-Nitroaniline	8.85	65	10896	2.32	ng		92
48) Acenaphthylene	9.22	152	70676	2.68	ng		98
49) Dimethylphthalate	9.08	163	50375	2.82	ng		99
50) 2,6-Dinitrotoluene	9.15	165	10073	2.46	ng		92
51) Acenaphthene	9.43	154	42641	2.77	ng		97
52) 3-Nitroaniline	9.35	138	11863	2.47	ng		99
54) Dibenzofuran	9.65	168	63737	3.05	ng		97
56) 2,4-Dinitrotoluene	9.65	165	12940	2.52	ng	#	61
57) Fluorene	10.07	166	51028	2.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	9069	2.51	ng	#	92
59) Diethylphthalate	9.95	149	47194	2.68	ng		98
61) 4-Nitroaniline	10.10	138	11864	2.57	ng		87
62) Azobenzene	10.27	77	45795	2.74	ng		94
65) n-Nitrosodiphenylamine	10.22	169	43229	2.72	ng		97
66) 4-Bromophenyl-phenylether	10.67	248	12224	2.70	ng		95
67) Hexachlorobenzene	10.75	284	12187	2.66	ng	#	85
68) Atrazine	10.89	200	12311	2.59	ng		92
70) Phenanthrene	11.24	178	73712	2.88	ng		97
71) Anthracene	11.30	178	73295	2.78	ng		98
72) Carbazole	11.51	167	69087	2.56	ng		97
73) Di-n-butylphthalate	11.97	149	72346	2.58	ng	#	99
74) Fluoranthene	12.70	202	74171	2.83	ng		97
76) Benzidine	12.87	184	39662	2.36	ng	#	93
77) Pyrene	12.97	202	76740	2.49	ng		97
79) Butylbenzylphthalate	13.80	149	30592	2.33	ng	#	83
80) Benzo(a)anthracene	14.44	228	65014	2.63	ng		97
81) 3,3'-Dichlorobenzidine	14.43	252	22009	2.49	ng	#	93
82) Chrysene	14.49	228	61386	2.68	ng		97
83) Bis(2-ethylhexyl)phthalate	14.52	149	43050	2.41	ng	#	95
84) Di-n-octyl phthalate	15.27	149	70475	2.36	ng	#	99
85) Indeno(1,2,3-cd)pyrene	17.34	276	60049	3.02	ng		98
87) Benzo(b)fluoranthene	15.67	252	60704	2.62	ng	#	97
88) Benzo(k)fluoranthene	15.70	252	58484	2.58	ng		94
89) Benzo(a)pyrene	16.02	252	57534	2.70	ng		98
90) Dibenzo(a,h)anthracene	17.36	278	48331	2.68	ng		94
91) Benzo(g,h,i)perylene	17.72	276	49455	2.72	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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